

**Model: R2A-500D1V2 (High Efficiency; Low Noise; 500watt + 500watt)  
500W Redundant Power Supply for 2U/3U chassis**

**High  
Efficiency**

**Low Noise**



**RoHS  
COMPLIANT  
2002/95/EC**

## Features

- Meet the RoHS COMPLIANT 2002/95/EC.
- Meet the WEEE Directive (2002/96/EC)
- Temperature Range: Operating 0°C ~ 40°C, Storage -20°C ~ 70°C
- Hold up time: 16 ms Minimum at full load & Normal input voltage.
- OVER POWER PROTECTION: 110~150%
- OVER VOLTAGE PROTECTION
- OVER CURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- Remote On/Off Control.
- Power Good Signal: On Delay 100ms to 500ms, off delay 1ms.
- Safety: To meet UL, TUV, CB, CE, FCC, BSMI, CCC.
- EMI noise Filter: FCC Class B, CISPR22 Class B
- Dimension (L x W x H): 265 X 101 X 84 mm / 10.43 x 3.98 x 3.3 (inches)

## AC Input

- Input voltage: 90 ~ 264VAC Full-Range.
- Frequency: 47 - 63 Hz.
- Input Current: 10A for 115VAC, 5A for 230VAC.
- Inrush Current: 25A for 115VAC, 50A for 230VAC.
- The Minimum efficiency of the power supply is 80% at full load and 1150Vac/60HZ input.
- The minimum power factor at full load shall be 0.98 / 115V 60 Hz and 0.96 / 230V 50 Hz.

## DC Output

Output Voltage	+5V DC	+12V DC	+3.3V DC	-12V DC	+5VSB
Output Current(Max)	25A	40A	25A	1A	3.5A
Output Current(Min.)	1A	3A	1A	0A	0.1A
Ripple/Noise Max.(P-P):	60mv	120mv	60mv	120mv	50mV
Line Regulation:	±1%	±1%	±1%	±1%	±1%
Load Regulation:	±5%	±5%	±5%	±5%	±5%

The combined total power from 5V & 3.3V shall not exceed 170W.

## Connectors

Output Connector								
Quantity	(20+4)P x1	M8P x1	M4P x1	HDD x 9	Floppy x 1	S.ATA x 4	PCI-E 6Px1	LED

## Mechanical Drawing

